IT Essentials II: Network Operating Systems

Changing the Way People Learn
Cisco® Networking Academy® is a comprehensive e-learning program that provides students with the Internet technology skills essential in a global economy. Networking Academy delivers web-based content, online assessment, student performance tracking, hands-on labs, instructor training and support, and preparation for industry-standard certifications.

Launched in 1997, there are Networking Academies in over 164 countries. Over 700,000 students are enrolled in Academies in high schools, two-year colleges and technical schools, four-year colleges, universities, and community-based organizations around the world.

The Networking Academy Curriculum
Networking Academy curriculum gives students at educational institutions and in-transition workers in-demand Internet technology skills for designing, building, and maintaining networks. Combining instructor-led, online education with hands-on labs, the curriculum enables students to apply what they learn in class while working on actual networks. From building a website to basic networking skills to VLAN troubleshooting, Networking Academy curriculum prepares students for lifelong opportunities in the real world.

IT Essentials II: Network Operating Systems
IT Essentials II: Network Operating Systems is an intensive introduction to multiuser, multitasking network operating systems. This 70-hour, hands-on, lab-oriented course is designed to be an overview of network operating systems and specifically covers the Linux Red Hat Network operating system. Students will learn how to use the Linux operating system, the K Desktop Environment (KDE), and GNU Network Object Model (GNOME). This course will be a stepping stone to help prepare students for challenging careers such as skilled hardware support professional and Linux support professional. Acquired competencies include:

- Configure network services, including basic network security and troubleshooting
- Use fundamental command-line features of the Linux environment including file system navigation, file permissions, the vi text editor, command shells, and basic network use
- Explore GUI features including Applications Manager, Text Editor, printing, and mail
- Know basic administrative tasks with Windows 2000

Industry-Recognized Certification
IT Essentials II: Network Operating Systems, along with IT Essentials: PC Hardware and Software, will help prepare students for the CompTIA Server+ certification exam. Additionally, IT Essentials II: Network Operating Systems, along with the Fundamentals of UNIX course, will also help prepare students for the CompTIA Linux+ certification exam.

The IT Essentials: PC Hardware and Software and IT Essentials II: Network Operating Systems expand and strengthen the Cisco Networking Academy curriculum, which prepares students for industry standards as well as vendor-neutral certifications. These include Cisco Certified Network Associate (CCNA®), Cisco Certified Network Professional (CCNP®), and CompTIA's A+, Linux+ and Network+ certifications. Bottom line—the Networking Academy curriculum enriches the skill set required to succeed in a changing economy.

Visit the following websites for more information on:

Cisco Networking Academy
www.cisco.com/edu/academy

Locating a Networking Academy
www.cisco.com/edu/academylocator